

Supplemental Information Disclosure Statement
U.S. Patent Application No. 10/062,257

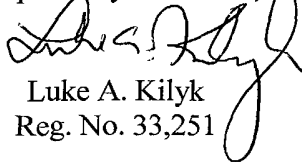
1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

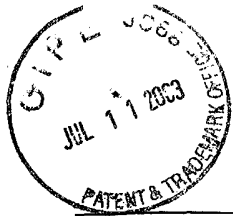
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 50-0925.

Respectfully submitted,


Luke A. Kilyk
Reg. No. 33,251

Atty. Docket No.: 3190-014
KILYK & BOWERSOX, P.L.L.C.
53 A East Lee Street
Warrenton, VA 20186
Tel: (540) 428-1701
Fax: (540) 428-1720
Enclosures: PTO-1449, w/ 6 Documents, and European Search Report



Page 1 of 1

FORM PTO-1449 (REV 7-80)				Atty. Docket No. 3190-014		Application No. 10/062,257	
INFORMATION DISCLOSURE STATEMENT				APPLICANT: Kyogo ITOH			
				Filing Date: February 1, 2002		Group Art Unit: 1616	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
		WO 98/46996	10/22/97	WIPO	G01N	33/573	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	Voronova, A. F. et al.: "Expression Of A New Tyrosine Protein Kinase In Stimulated By Retrovirus Promoter Insertion" Nature (London), vol. 319, no. 6055, 1986, pages 682-685.						
	Rosenberg, S. A. et al.: "Immunologic And Therapeutic Evaluation Of A Synthetic Peptide Vaccine For The Treatment Of Patients With Metastatic Melanoma", Nature Medicine, Nature Publishing, Co, US, vol. 4, no. 3, 1 March 1998, pages 321-327.						
	Lindauer, Markus et al.: "The Molecular Basis Of Cancer Immunotherapy By Cytotoxic T Lymphocytes", Journal of Molecular Medicine (Berlin), vol. 76, no. 1, January 1998, pages 32-47.						
	Harashima, Nanae et al.: "Recognition Of The Lck Tyrosine Kinase As A Tumor Antigen By Cytotoxic T Lymphocytes Of Cancer Patients With Distant Metastases" European Journal of Immunology, vol. 31, no. 2, February 2001, pages 323-332.						
	Imai, Nobue et al.: "Identification of Lck-derived peptides capable of inducing HLA-A2-restricted and tumor-specific CTLs in cancer patients with distant metastases", International Journal of Cancer, vol. 94, no. 2, 2001, pages 237-242.						
	European Search Report for EP 00 94 9982						
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
JUL 17 2003
TECH CENTER 1600/2900



EPA/EPO/OEB
D-80298 München
+49 89 2399-0
TX 523 656 epmu d
FAX +49 89 2399-4465

Europäisches
Patentamt

Eingangs-
stelle

European
Patent Office

Receiving
Section

Office européen
des brevets

Section de
Dépôt

15/11/02 ✓
15/11/02 ✓

Forstmeyer, Dietmar, Dr. rer. nat., Dipl.-
Chem.
Boeters & Bauer,
Bereiteranger 15
81541 München
ALLEMAGNE

EINGEGANGEN

17. Okt. 2002

BOETERS & BAUER
Patentanwälte



Datum/Date

15-10-2002

Zeichen/Ref./Réf. 12787-Itoh (gr)	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 00949982.3-2406- PCT/JP0005220
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Itoh, Kyogo	

PROCEEDING FURTHER WITH THE EUROPEAN PATENT APPLICATION PURSUANT TO
ARTICLE 96(1) AND RULE 51(1) EPC

A supplementary European search report has been drawn up concerning
the above European patent application (publication no. 1207199).

Since you have filed a request for examination prior to the trans-
mission of the supplementary European search report, you are hereby
invited to indicate within

TWO MONTHS

of notification of this invitation whether you desire to proceed
further with the European patent application.

If you do not indicate in due time that you desire to proceed further
with the European patent application, it will be deemed to be withdrawn
(Art. 96(3) EPC).

If you wish you may comment on the supplementary European search report
and amend, where appropriate, the description, claims and drawings
(Rule 51(1) EPC).

RECEIVING SECTION

Pera, Alberto



REGISTERED LETTER

EPO Form 1224 04.85

7001007 08/10/02

00949982.3 DMEX

..... M02

021



P.B.5818 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

European
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

Vord 11/12/02

not.

11/11/02

not.

Forstmeyer, Dietmar, Dr. rer. nat., Dipl.-
Chem.
Boeters & Bauer,
Bereiteranger 15
81541 München
ALLEMAGNE

EINGEGANGEN

11. Okt. 2002

BOETERS & BAUER
Patentanwälte

Datum/Date

11.10.02

Zeichen/Ref./Réf.

12787-Itoh (gr)

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

00949982.3-2406-JP0005220

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Itoh, Kyogo

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: NONE

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 00 94 9982
shall be considered, for the purposes of subsequent
proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	VORONOVA A F ET AL: "EXPRESSION OF A NEW TYROSINE PROTEIN KINASE IN STIMULATED BY RETROVIRUS PROMOTER INSERTION" NATURE (LONDON), vol. 319, no. 6055, 1986, pages 682-685, XP001094118 ISSN: 0028-0836 * the whole document * & DATABASE EMBL 'Online! 1 January 1988 (1988-01-01) * abstract *	3,5, 8-10,12	C12N15/12 C07K14/82 C07K7/00 A61K39/00 A61K39/395 A61K48/00 A61K45/00 A61P35/00 A61K38/10 G01N33/50
A	ROSENBERG S A ET AL: "Immunologic and therapeutic evaluation of a synthetic peptide vaccine for the treatment of patients with metastatic melanoma" NATURE MEDICINE, NATURE PUBLISHING, CO, US, vol. 4, no. 3, 1 March 1998 (1998-03-01), pages 321-327, XP002091661 ISSN: 1078-8956 ----- -/--		TECHNICAL FIELDS SEARCHED (Int.Cl.7) C07K
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search MUNICH		Date of completion of the search 16 September 2002	Examiner Heder, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

14

EPO FORM 1503 03.82 (P04C20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	LINDAUER MARKUS ET AL: "The molecular basis of cancer immunotherapy by cytotoxic T lymphocytes." JOURNAL OF MOLECULAR MEDICINE (BERLIN), vol. 76, no. 1, January 1998 (1998-01), pages 32-47, XP002212357 ISSN: 0946-2716 -----		
A	WO 98 46996 A (ROBARTS JOHN P RES INST) 22 October 1998 (1998-10-22) -----		
T	HARASHIMA NANA ET AL: "Recognition of the Lck tyrosine kinase as a tumor antigen by cytotoxic T lymphocytes of cancer patients with distant metastases." EUROPEAN JOURNAL OF IMMUNOLOGY, vol. 31, no. 2, February 2001 (2001-02), pages 323-332, XP002212358 ISSN: 0014-2980 -----		TECHNICAL FIELDS SEARCHED (Int.Cl.7)
T	IMAI NOBUE ET AL: "Identification of Lck-derived peptides capable of inducing HLA-A2-restricted and tumor-specific CTLs in cancer patients with distant metastases." INTERNATIONAL JOURNAL OF CANCER, vol. 94, no. 2, 2001, pages 237-242, XP002212565 ISSN: 0020-7136 -----		



European Patent
Office

INCOMPLETE SEARCH
SHEET C

Application Number
EP 00 94 9982

Although claim 4 can be read as being directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.

Claim(s) searched completely:
1-12, 14-17

Claim(s) not searched:
13

Reason for the limitation of the search:

Present claim 13 relates to an extremely large number of possible compounds. Support within the meaning of Article 84 EPC and disclosure within the meaning of Article 83 EPC is not to be found, however, for the compounds claimed. In the present case, the claim so lacks support, and the application so lacks disclosure, that a meaningful search is impossible.

EP 00 94 9982

16-09-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9846996 A	22-10-1998	AU WO 7228398 A 9846996 A2	11-11-1998 22-10-1998